What is claimed is:

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1. A method for identifying one or more candidate compounds as a modulator of a G protein-coupled receptor, wherein said receptor comprises the amino acid sequence of SEQ ID NO:82, comprising the steps of:

- (a) contacting said one or more compounds with a host cell or with membrane of a host cell that expresses said receptor; and
 - (b) measuring the ability of the compound or compounds to inhibit or stimulate functionality of said receptor.
- 10 2. The method of claim 1 wherein said host cell comprises an expression vector, said expression vector comprising a polynucleotide encoding a G protein-coupled receptor comprising the amino acid sequence of SEQ ID NO:82.
 - 3. A method for identifying one or more candidate compounds as a modulator of inflammation, comprising the steps of:
 - (a) contacting said one or more compounds with a host cell or with membrane of a host cell that expresses a G protein-coupled receptor, wherein said receptor comprises the amino acid sequence of SEQ ID NO:82; and
- (b) measuring the ability of the compound or compounds to inhibit or stimulate
 20 functionality of said receptor.
 - 4. The method of claim 3 wherein said host cell comprises an expression vector, said expression vector comprising a polynucleotide encoding a G protein-coupled receptor comprising the amino acid sequence of SEQ ID NO:82.
 - 5. A method for identifying one or more candidate compounds as a modulator of a G protein-coupled receptor, comprising the steps of:
 - (a) providing a host cell or membrane from a host cell that expresses a GPCR Fusion Protein, said GPCR Fusion Protein comprising:
- 30 (i) said G protein-coupled receptor, wherein said receptor comprises the amino acid sequence of SEQ ID NO:82; and
 - (ii) a G protein;

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- (b) contacting one or more candidate compounds with said host cell or said membrane; and
- (c) measuring the ability of the compound or compounds to inhibit or stimulate functionality of said receptor.

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- 6. The method of claim 5 wherein said G protein is Gsa.
- 7. The method of claim 5 wherein said host cell comprises an expression vector, said expression vector comprising a polynucleotide, said polynucleotide encoding a GPCR Fusion Protein, said GPCR Fusion Protein comprising:
- (a) a G protein-coupled receptor, wherein said receptor comprises the amino acid sequence of SEQ ID NO:82; and
 - (b) a G protein.
- 15 8. The method of claim 7 wherein said G protein is Gsα.
 - 9. A compound identified according to the method of any one of claims 1-8.
- 10. A compound of claim 9 wherein said compound is selected from the group consisting
 20 of agonist, partial agonist, antagonist, and inverse agonist.
 - 11. A pharmaceutical composition comprising the compound of claim 9.
- 12. The pharmaceutical composition of claim 11 wherein said compound is selected from the group consisting of agonist, partial agonist, antagonist, and inverse agonist.
 - 13. A method of modulating the activity of a G protein-coupled receptor, said receptor comprising the amino acid sequence of SEQ ID NO:82, comprising the step of contacting said receptor with the compound of claim 9.

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14. The method of claim 13 wherein said compound is selected from the group consisting of agonist, partial agonist, antagonist, and inverse agonist.

- 15. The method of claim 14 wherein said compound is an agonist or partial agonist.
- 16. A method of modulating inflammation in a mammal in need of said modulating comprising administering to said mammal a compound of claim 9.

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- 17. The method of claim 16 wherein said compound is selected from the group consisting of agonist, partial agonist, antagonist, and inverse agonist.
- 10 18. The method of claim 17 wherein said compound is an agonist or partial agonist.
 - 19. A method of inhibiting inflammation in a mammal in need of said inhibiting comprising administering to said mammal a compound of claim 9.
- 15 20. The method of claim 19 wherein said compound is selected from the group consisting of agonist, partial agonist, antagonist, and inverse agonist.
 - 21. The method of claim 20 wherein said compound is an agonist or partial agonist.
- 20 22. A method of preventing or treating an inflammatory disorder in a mammal in need of said preventing or treating comprising administration of a compound of claim 9.
 - 23. The method of claim 22 wherein said compound is selected from the group consisting of agonist, partial agonist, antagonist, and inverse agonist.
 - 24. The method of claim 23 wherein said compound is an agonist or partial agonist.
 - 25. A method of treating an inflammatory disorder comprising administering an hTDAG8 agonist or partial agonist to a mammal having an inflammatory disorder.
 - 26. The method of claim 25 wherein said mammal is a human.

- 27. The method of any one of claims 1-8 wherein the receptor consists of one or more amino acid substitutions selected from the group consisting of:
- (a) a substitution of alanine for proline at amino acid position 43 of SEQ ID NO:82;
- 5 (b) a substitution of asparagine for lysine at amino acid position 97 of SEQ ID NO:82; and
 - (c) a substitution of phenylalanine for isoleucine at amino acid position 130 of SEQ ID NO:82.
- 10 28. A compound of claim 9 wherein the receptor consists of one or more amino acid substitutions selected from the group consisting of:
 - (a) a substitution of alanine for proline at amino acid position 43 of SEQ ID NO:82;
- (b) a substitution of asparagine for lysine at amino acid position 97 of SEQ ID NO:82; and
 - (c) a substitution of phenylalanine for isoleucine at amino acid position 130 of SEQ ID NO:82.
- 29. The method of claim 13 the receptor consists of one or more amino acid substitutions selected from the group consisting of:
 - (a) a substitution of alanine for proline at amino acid position 43 of SEQ ID NO:82;
 - (b) a substitution of asparagine for lysine at amino acid position 97 of SEQ ID NO:82; and
- 25 (c) a substitution of phenylalanine for isoleucine at amino acid position 130 of SEQ ID NO:82.
 - 30. The method of claim 16 wherein said mammal is a human.
- 30 31. The method of claim 19 wherein said mammal is a human.
 - 32. The method of claim 22 wherein said mammal is a human.